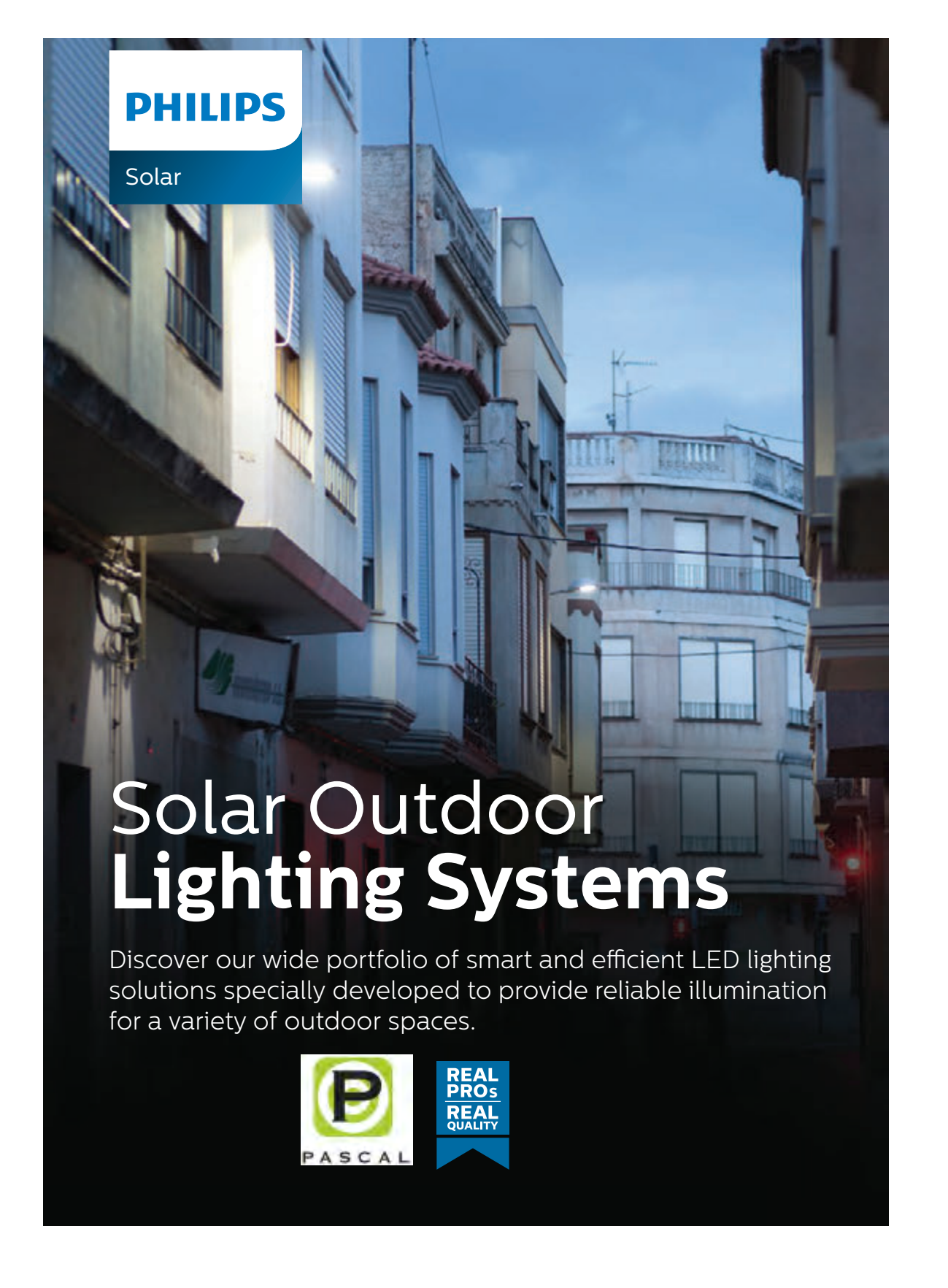


The background of the advertisement is a photograph of a narrow street in a city, lined with multi-story buildings. The scene is captured during twilight, with a deep blue sky and some streetlights visible. The buildings have various architectural details, including balconies and windows. The overall mood is urban and modern.

PHILIPS

Solar

Solar Outdoor Lighting Systems

Discover our wide portfolio of smart and efficient LED lighting solutions specially developed to provide reliable illumination for a variety of outdoor spaces.



**REAL
PROs
REAL
QUALITY**

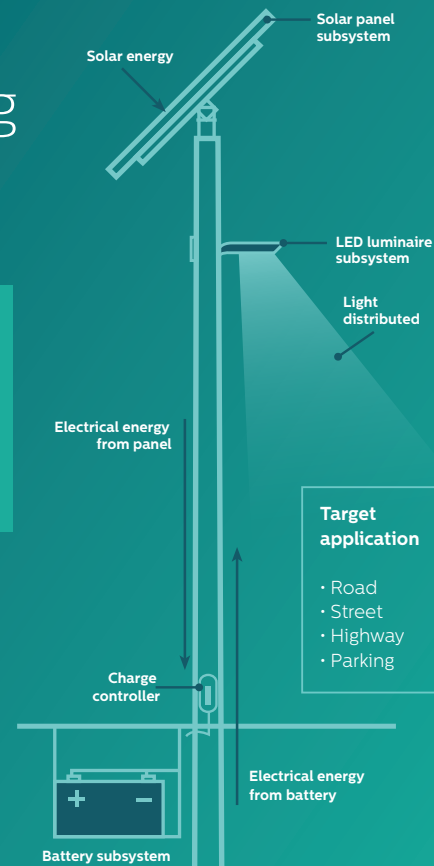
Philips Solar Outdoor Lighting Systems

How solar system works

When the sun shines during the day, the solar panel converts solar energy to electrical energy and stores it in the battery. During the night, the battery is discharged, releasing electrical energy to power the LED luminaire – hence lighting the road...

Philips technology

A reliable solar LED lighting system consists of well-designed LED luminaire, photovoltaic panel, battery, charge controller, connectors and embedded software. The whole is greater than the sum of its parts.



Outperforming LED Luminaire subsystem

SmartBright Solar Floodlight BVP080



- World class LED
- Wide offer range from 2000lm to 12000lm
- High lumen efficacy reaching up to 180lm/W
- IP65/66 rating for outdoor application

SmartBright AIO Solar Road Lighting BRP110



- Programmable output current for quick customization and different lighting requirements
- Certificate: CE
- CB report

SunStay Off-Grid & Hybrid BRP710



Urban/Road

The complexities of transportation infrastructure mean varying types of illumination are needed to ensure traffic flows smoothly, people feel safe, and cities save on costs. Smart LED street lighting is a cost-effective and sustainable choice for cities today – and into the future. Philips LED street lighting systems are smart and versatile, so you can manage, maintain, and monitor the entire system simply and efficiently.

SunStay Off-Grid BRP710

- Replaceable Lithium Ferro Phosphate battery for long life and hassle free operations
- MPPT charge controller for maximum efficiency
- Pressure die-cast aluminum housing for sturdiness and excellent heat dissipation
- Specially designed pole mounting bracket with adjustable tilt angles of 0 to 15 degrees, which can also be used in post top and lateral mounting positions
- Factory set dimming profile along with PIR sensor for run time maximization



Interact Ready / MasterConnect	Key Features	LED Road Series/Solar		LED Floodlight/Landscape	
	Smart and connected lighting				
	Performance : ★★★★★ Price : ★★★★★ Lifespan : 50K hours Warranty : 5/3 years				
	Suitable for projects where light really matters				
SmartBright / Master	Performance : ★★★ Price : ★★ Lifespan : 50K/30K hours Warranty : 3 years				
Essential SmartBright / CorePro	Essential trusted products				
	Performance : ★★ Price : ★ Lifespan : 30K/20K/15K hours Warranty : 1 year				

LED Road Series/Solar

Application: Urban/Road



Product type	Specification									
	Lifetime	Warranty	Efficacy (lm/w)	CRI	CCT	Beam Angle	IP/IK Rating	Dimension (LxWxH) (mm)	Power Consumption	Luminous Flux (lm)
1 SunStay Off-Grid BRP710										
Roadlight	50K hrs	3 yrs	>175	>70	3000k 4000k 5700k	>110°	IP66&IK08	757 x 511 x 188	26W	4,500
								684 x 369 x 156	17W	3,000
								684 x 369 x 156	11W	2,000
2 SunStay Hybrid BRP710 NEW										
Roadlight	50K hrs	3 yrs	>175	>70	3000k 4000k 5700k	>110°	IP66&IK08	757 x 511 x 188	35W	6,500
								757 x 511 x 188	25W	4,500
								684 x 369 x 156	17W	3,000
								684 x 369 x 156	11W	2,000
3 SmartBright AIO Solar Road Lighting BRP110 NEW										
Roadlight	50K hrs	3 yrs	150	>70	5700k	>110°	IP65&IK08	1321 x 525 x 161	80W	12,000
								1485 x 380 x 95	60W	8,500
								935 x 380 x 95	35W	5,000
4 Accessories										
ZRP110 Configuration Remote (SmartBright AIO BRP110)										
5 SmartBright Solar Road PBC BRP216 NEW										
Roadlight	50K hrs	3 yrs	130	70	4000k	>110°	IP65&IK08	420 x 160 x 60* 882 x 665 x 30**	30W	4,000
								385 x 140 x 60* 665 x 470 x 30**	15W	2,000
								6 Essential SmartBright Solar All-In-One Streetlight BRC010 NEW		
Roadlight	25K hrs	1 yr	160	70	6500k	>110°	IP65	660 x 375 x 79	24W	4,000
								520 x 355 x 79	15W	2,000
								430 x 330 x 77	7W	1,000

*Dimension of luminaire
**Dimension of solar panel



LED Floodlight/Landscape

Application: Urban/Road



SmartBright Solar Floodlight BVP080 with Remote Control NEW					
Product type	CRI	Luminaire Dimension (LxWxH) (mm)	Solar Panel Dimension (LxWxH) (mm)	Power Consumption	Luminous Flux (lm)
Floodlight	70				
Lifetime	CCT				
50,000 Hours	5700K	451 x 323 x 90	540 x 702 x 20	50W	4,800
Warranty	IP/IK Rating				
3 Years	IP66 & IK07	398 x 310 x 78	350 x 682 x 20	30W	3,000
Efficacy (lm/w)					
100		311 x 235 x 65	340 x 602 x 20	25W	2,000
		257 x 190 x 56	340 x 250 x 20	10W	1,000



Essential SmartBright Solar Wall Light BWS010 NEW				
Product type	CRI	Dimension (LxWxH) (mm)	Power Consumption	Luminous Flux (lm)
Wall Light	70			
Lifetime	CCT			
25,000 Hours	6500K	125 x 178 x 54	3W	300
Warranty	IP/IK Rating			
1 Year	IP42	125 x 178 x 54	0.65W	100
Efficacy (lm/w)				
120		125 x 99 x 52	0.3W	50



Essential SmartBright Solar Flood BVC080 NEW					
Product type	CRI	Luminaire Dimension (LxWxH) (mm)	Solar Panel Dimension (LxWxH) (mm)	Power Consumption	Luminous Flux (lm)
Floodlight	70				
Lifetime	CCT				
25,000 Hours	6500K	170 x 220 x 53	350 x 235 x 17	10W	1500
Warranty	IP/IK Rating				
1 Year	IP65	143 x 183 x 48	350 x 175 x 17	6W	900
Efficacy (lm/w)					
150		120 x 150 x 48	240 x 175 x 17	4W	600

